



RISER DIAGRAM
STAGE II STEP ① - DWG #E-5

(SEE NOTE #4)

SCHEDULE STAGE II STEP ① - TRANSFER LOADS TO BUS #3 & 4

LOAD OUTAGES - SEE NOTE #5
* = CATEGORY "A" OR "B"
** = CATEGORY "C"

CONDUIT DESIGNATION - SHUTTLE ELEVATORS -

- CONTROL FOR SHUTTLE & BANK ELEVATORS**
CDTE # C-13, C-15, C-E, & C-IE
- a. - INSTALL C CDT & WIRE FROM SHUTTLE & BANK ELEVATOR TRANSFER SWITCHES, AS SHOWN ABOVE
 - b. - CONNECT ALL CONTROL WIRES AS SHOWN ON DWG. #E-99 LEGEND -
- L-1 NORMAL FEEDER TO SHUTTLE ELEV.**
- a. - INSTALL L-1 CDT & WIRE FROM SWGR. BUS #3 TO TRANSFER SWITCH
 - b. - INSTALL CDT, L-1 FROM TRANSFER SWITCH TO POINT OF CONNECTION TO EXIST. CDT.
 - c. - REMOVE EXIST. FDR (L-1) FROM PNL EL-B76S BACK TO EXIST. SWGR.
 - d. - CUT EXIST. CDT, (L-1) & REMOVE TO EXIST. SWGR.
 - e. - MAKE CONNECTION TO EXIST. CDT, AND INSTALL FEEDER FROM TRANSFER SWITCH TO PANEL EL-B-76 VIA PULL BOX #13 (ENERGIZE)
- R-2 EMERG. FEEDER TO SHUTTLE ELEV.**
- a. - INSTALL R-2 CDT & WIRE FROM TRANSFER SWITCH TO EXIST. PANEL #EPC-75B, VIA P.B. #11.
 - * - b. - DISCONNECT EXIST. & CONNECT FDR (R-2) AT PANEL (ENERGIZE)
 - c. - DISCONNECT EXIST. & CONNECT FDR (R-2) AT PANEL (ENERGIZE)
 - d. - REMOVE EXIST. FDR (R-2) & CONTROL WIRES BACK TO EXIST. ELEV. TRANSFER SWITCH.
- L-7 MOTOR CONTROL CENTER - MCC-ME75L**
- a. - INSTALL L-7 CDT & WIRE FROM SWGR. BUS #4 TO MCC-ME75L.
 - b. - DISCONNECT EXIST. & CONNECT FDR L-7 AT MCC-ME75L (ENERGIZE)
 - c. - REMOVE EXIST. FDR & CDT, L-7 BACK TO SWGR.

- L-3-TEMP 208/120V. TRANSF. ELEC. CLOS. "F" 59-74th FLR'S.**
- a. - INSTALL L-3-TEMP CDT & WIRE FROM SWGR. BUS #4 TO 500KVA TRANSFORMER VIA P.B. #14
 - * - b. - DISCONNECT EXIST. & CONNECT FDR L-3-TEMP AT TRANSFORMER (ENERGIZE)
 - c. - REMOVE EXIST. FDR, L-3 BACK TO SWGR.
- R-1-TEMP 208/120V. TRANSF. ELEC. CLOS. "F" 77-92nd FLR'S.**
- a. - INSTALL R-1-TEMP CDT & WIRE FROM SWGR. BUS #3 TO 500KVA TRANSFORMER VIA P.B. #14
 - * - b. - DISCONNECT EXIST. & CONNECT FDR R-1-TEMP AT TRANSFORMER (ENERGIZE)
 - c. - REMOVE EXIST. FDR, R-1 BACK TO SWGR.
- L-4b 480/277V. ELEC. CLOS. "F" 59th TO 74th FLR'S FUTURE RUN 59th TO 86th FLR'S**
- a. - INSTALL BUSWAY L-4b FROM SWGR. BUS #3 TO END CAP & "T" TO EXIST. BUSWAY L-4.
 - b. - REMOVE EXISTING BUSWAY L-4 TO EXIST. SWGR. REMOVE BACK TO EXIST. SWGR.
 - c. - INSTALL BUSWAY TRANSITION BOX ON EXIST. L-4 BUSWAY & CONNECT BUSWAY L-4b. (ENERGIZE)
- L-4a 480/277V. ELEC. CLOS. "F" FUTURE 67th TO 74th FLR'S**
- a. - INSTALL BUSWAY L-4a FROM SWGR. BUS #4 TO END CAP.
- L-3 208/120V. TRANSF. ELEC. CLOS. "F" 59-74th FLR'S SEE DIAGRAM STAGE III STEP ①, DWG. #E-91**
- R-17 EBASCO**
- a. - INSTALL R-17 CDT & WIRE FROM SWGR. BUS #3 TO P.B. #16.
 - * - b. - DISCONNECT TEMPORARY & CONNECT FDR R-17 IN P.B. #16. (ENERGIZE)
 - c. - REMOVE TEMPORARY FDR (R-17-TEMP) BACK TO SWGR.

- R-16 EBASCO**
- a. - INSTALL R-16 CDT & WIRE FROM SWGR. BUS #4 TO P.B. #16.
 - * - b. - DISCONNECT TEMPORARY & CONNECT FDR R-16 IN P.B. #16. (ENERGIZE)
 - c. - REMOVE TEMPORARY FDR (R-16-TEMP) BACK TO SWGR.
- J-4 FUJI BANK - SEE DWG E-5 STEP ①**
- a. - INSTALL J-4 CDT & WIRE FROM SWGR. BUS #3 TO P.B. #16.
 - * - b. - DISCONNECT TEMPORARY & CONNECT FDR J-4 IN P.B. #16. (ENERGIZE)
 - c. - REMOVE TEMPORARY FDR (FUJI-TEMP) BACK TO SWGR.